

Attachment 5: Work Plan STPUD Well Destruction Program

The specific goal of this project is the protection of groundwater for the continued availability of a reliable water source for all beneficial uses. The objectives include: identifying current non-operational wells with potential for groundwater contamination; destroying those identified wells as per California Well Standards; preparing necessary Well Completion Reports.

The project will involve developing plans and specifications for the well destruction program, soliciting construction bids to retain a qualified C-57 Water Well Drilling Contractor, obtaining all required permits for the well destructions and overseeing the proper destruction of the selected wells in accordance with California Well Standards.

A brief description of each of the proposed tasks is provided below.

Task 1 –ADMINISTRATION

1. A The District will prepare quarterly project reports, invoices, and any other necessary submittals as required by DWR.

Deliverables: Project reports, invoices

1. B Following completion of the work, the District will prepare a draft project report documenting the well destruction work. The project report will include copies of all permits, field notes and well destruction records.

Deliverables: Draft project report

1. C After review and comments by DWR staff, the District will submit a final project report

Deliverables: Final project report

Task 2 – PLANNING

2. A Facilities Evaluation: The District will perform a site inspection and review available site information including engineering reports, drawings and utility grids to identify all ancillary well facilities requiring demolition, removal and disposal. As part of the site inspection, Best Management Practices (BMPS) to protect soil and trees and re-vegetation requirements will be defined.

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Deliverables: Site inspection reports

2. B Environmental Compliance/Permitting: The District will identify all regulatory requirements, including permits and certifications, needed to perform the work. These regulatory requirements will be specified in the Contract Documents, but include an El Dorado County Environmental Management Department well destruction permit. It is also expected that a CEQA Notice of Exemption will be filed for this project. The process and schedule for each permit/approval required is noted in Section 7: Schedule of this application, however, STPUD staff familiar with the process for obtaining necessary permitting will provide the oversight and information necessary to meet all permitting and compliance prior to implementing the well destruction task items in 4 below.

Deliverables: Copies of appropriate permits and stamped, filed NOE

2. C Plans, Specifications & Estimate of Probable Costs (PS&E): District engineering staff will develop the engineering plans and technical specifications required for this work. An accompanying estimate of probable costs will also be prepared. The engineering plans and specifications will be presented in the Contract Documents prepared for Construction Bid, in accordance with Public Contract Code Requirements.

Deliverables: 100% plans and specifications; copies of advertisement of bid

Task 3- BIDDING& CONTRACTING

3. A Pre-Bid Conference: The District will convene a mandatory Pre-Bid Conference for all Contractors interested in preparing bids for this project. The pre-Bid Conference will be used to provide specific project information, explain any unusual aspects of the project and address any potential bidder questions.

Deliverables: List of pre-bid conference attendees

3. B Requests for Information (RFI): The District will prepare responses to specific bidder questions during the Construction Bid. Any changes to the engineering drawings and technical specifications resulting from bidder questions will be incorporated into the Contract Documents by addendum.

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Deliverables: Addenda, as required

3. C Bid Evaluation: Following the Bid Opening, the District will review the submitted Bids for completeness and conformance with the Contract requirements. Following evaluation, staff will make a determination of the lowest responsive bidder and bid award for approval by the District Board.

Deliverables: Minutes from Board Meeting approving bid award

3. D Bid Award/Contracting: Following Bid Award, District staff will complete all administrative requirements to execute the contract, including preparation of Notice of Award, verifying evidence of required insurance and bonds; and issuance of Notice to Proceed.

Deliverables: Notice of Award; Fully executed contract; Notice to Proceed

Task 4 – WELL DESTRUCTION

At each of the following three wells as described in the Project Description, the actual work for well destruction will be performed as below:

Al Tahoe Well No. 1
Country Club Well
Industrial Well No. 2

- 4. A Contractor Mobilization
- 4. B Set-up of Best Management Practices as identified for the sites
- 4. C Demolition and removal of ancillary well facilities
- 4. D Well Inspection/Videoscan
- 4. E Well Cleaning
- 4. F Casing removal/perforation
- 4. G Well grouting
- 4. H Site restoration/clean-up
- 4. I Contractor Demobilization

Deliverables: Photos of pre-post for each site

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Task 5 – WELL DESTRUCTION OVERSIGHT/PROJECT MONITORING

5. A Oversight/Monitoring: The District will provide an engineering staff member to provide technical oversight of the work and file the Well Completion Report within 60 days of completion of the work for each well site.

Deliverables: Well Completion Reports for Al Tahoe Well No. 1, Country Club Well and Industrial Well No. 2

5. B Inspections: A District Construction Inspector will be assigned as each well site is destroyed to monitor and document the work and ensure that all work is performed in accordance with the contract documents.

Deliverables: Inspection notes